

XU LUO

University of Electronic Science and Technology of China
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EDUCATION

- **University of Electronic Science and Technology of China** *Sept. 2022 - Present*
Ph.D Degree in Computer Science
- **University of Electronic Science and Technology of China** *Sept. 2019 - June 2022*
Master Degree in Computer Science
- **Xiamen University** *Sept. 2015 - June 2019*
Bachelor Degree in Mathematics

RESEARCH EXPERIENCE

- **Center of Future Media, UESTC** *Sept. 2022 - Present*
Adviser: Jingkuan Song
Focus: Few-shot learning, Representation learning
Project: Further in-depth researches on few-shot learning problems.
- **Statistical Machine Intelligence Learning Laboratory, UESTC** *Sept. 2019 - June 2022*
Adviser: Zenglin Xu
Focus: Few-shot learning, Representation learning
Project: Responsible for understanding the key point of few-shot learning and exploring its relationship with visual representation learning.
- **Huawei Cloud AI Lab, Beijing** *Mar 2021 - Aug. 2021*
Adviser: Longhui Wei
Focus: Few-shot learning, Contrastive learning
Project: Responsible for exploring the negative effect of image background on few-shot learning and designing a feasible solution.

RESEARCH ACTIVITIES

a) Publications

- Ji Zhang, Lianli Gao, **Xu Luo**, Hengtao Shen, Jingkuan Song. DETA: Denoised Task Adaptation for Few-shot Learning. In *International Conference on Computer Vision (ICCV)*, 2023.
- **Xu Luo**^{*}, Hao Wu^{*}, Ji Zhang, Lianli Gao, Jing Xu and Jingkuan Song. A Closer Look at Few-shot Classification Again. In *International Conference on Machine Learning (ICML)*, 2023.
- Jing Xu, **Xu Luo**, Xinglin Pan, Yanan Li, Wenjie Pei and Zenglin Xu. Alleviating the sample selection bias in few-shot learning by removing projection to the centroid. In *Annual Conference on Neural Information Processing Systems (NeurIPS)*, 2022.
- **Xu Luo**, Jing Xu and Zenglin Xu. Channel importance matters in few-shot image classification. In *International Conference on Machine Learning (ICML)*, 2022.
- **Xu Luo**, Longhui Wei, Liangjian Wen, Jinrong Yang, Lingxi Xie, Zenglin Xu, and Qi Tian. Rectifying the shortcut learning of background for few-shot learning. In *Annual Conference on Neural Information Processing Systems (NeurIPS)*, 2021.

- **Xu Luo**, Yuxuan Chen, Liangjian Wen, Lili Pan and Zenglin Xu. Boosting few-shot classification with view-learnable contrastive learning. In *IEEE International Conference on Multimedia and Expo (ICME)*, 2021.
- Maolin Wang, Zeyong Su, **Xu Luo**, Yu Pan, Shenggen Zheng and Zenglin Xu. Concatenated tensor networks for deep multi-task learning. In *International Conference on Neural Information Processing (ICONIP)*, 2020.

c) Referee Service

- PC member of NeurIPS 2023, ICML 2022, CVPR 2023, ICCV 2023, ECCV 2022, AAAI 2023 and the L3D-IVU workshop at CVPR 2022, 2023.

AWARDS & SCHOLARSHIPS

- **2022**, Outstanding Master's Thesis Award.
- **2022**, Outstanding Graduates of Sichuan Province.
- **2022**, Outstanding Graduates of UESTC.
- **2018**, First Prize in Contemporary Undergraduate Mathematical Contest in Modeling, China.